

REMARKS

Reconsideration of this application is respectfully requested. No claim amendments have been made herein.

All claims are patentable over Jeffrey (US Patent No. 7,346,220) in view of Freeman (US Patent No. 6,373,890). For example, Jeffrey fails to disclose “encoding data values described by one or more multi-dimensional parameters, each of the multi-dimensional parameters having multiple constituent sub-parameters of more than one value, by mapping the multiple constituent sub-parameters of each of the multi-dimensional parameters of the data values to respective one-dimensional parameters having a single one of the sub-parameters by which the multi-dimensional parameters will now be represented,” as recited in claim 1. An example is provided in Applicant’s specification on page 9, where it is explained that a pixel, with multiple color components (e.g., sub-parameters, such as Red, Green and Blue) may be represented by only one of those sub-parameters (e.g., Red).

Jeffrey is silent with respect to mapping multiple sub-parameters to a single sub-parameter. Instead, Jeffrey is directed toward storing some image pixels and discarding other image pixels by cropping and scaling the image (Abstract, Col. 4, lines 4-37, and Col. 8, line 60-Col. 9, line 26). Jeffrey teaches storing each of the components for the remaining pixels (Col. 9, lines 23-25). Thus, claim 1 is patentable over Jeffrey.

Claim 1 is further patentable over Jeffrey when considered in view of Freeman. Freeman discloses substituting one color for another color (Col. 3, lines 21-30). Freeman teaches the substitution of one color for another color, or in other words, teaches the substitution of one data value for another data value. Accordingly, claim 1 is patentable over this combination of references.

Lim (US Patent No. 5,339,164) fails to cure the deficiencies of the cited references, as Lim does not disclose or suggest “mapping the multiple constituent sub-parameters of each of the multi-dimensional parameters of the data values to respective one-dimensional parameters having a single one of the sub-parameters by which the multi-dimensional parameters will now be represented.” Therefore, when considered singularly or in combination, the references cited by the Office Action do not disclose or suggest every limitation of claim 1.

Claim 1 (and dependent claims) are patentable over the cited references. Independent claims 11 and 20 have similar limitations to claim 1. Because claim 1 (and dependent claims)

are patentable over the cited references, it follows that the independent claims 11 and 20 (and dependent claims) are likewise patentable thereover.

For at least the foregoing reasons, the claims are patentable over the references cited in the Office Action. If there are any additional fees due in connection with this communication, including fees for any extensions of time, please charge Deposit Account No. 19-3140.

Respectfully submitted,
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